

REMARKS

Applicant appreciates the Examiner's thorough consideration provided the present application. Claims 1-10 and 12-25 are now present in the application. Claims 12-25 have been withdrawn. Claim 11 has been cancelled. Claims 1 and 3 are independent. Reconsideration of this application, as amended, is respectfully requested.

Allowable Subject Matter

The Examiner has indicated that dependent claims 4, 5, 9 and 10 would be allowable if rewritten to include all of the limitations of the base claim and any intervening claims. Applicant greatly appreciates the indication of allowable subject matter by the Examiner. As will be explained below, all claims in this application should be allowable.

Claim Rejections Under 35 U.S.C. §§ 102 And 103

Claims 1-3 and 6-8 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Nishikawa, U.S. Patent No. 6,060,527. Claim 11 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Nishikawa. These rejections are respectfully traversed.

Independent claim 1 recites a combination of steps including "(2) attaching the removable mold to a transparent substrate...", "(3) filling the patterned channel with a photopolymer solution", and "(4) applying

an ultraviolet light to the photopolymer solution through the transparent substrate so as to cure the photopolymer solution to the transparent substrate”.

Independent claim 3 recites a combination of steps including “(2) attaching the removable mold to a transparent substrate...”, “(3) filling the channel units with a photopolymer solution containing colorants”, and “(4) applying an ultraviolet light to the photopolymer solution through the transparent substrate so as to cure the photopolymer to the transparent substrate”.

Applicant respectfully submits that the above combinations of steps as set forth in independent claims 1 and 3 are not disclosed nor suggested by Nishikawa.

Nishikawa discloses a method for making a color filter including the steps of (1) providing a treated substrate (FIG. 1A); (2) forming color pattern layers 14 on a template 13 (FIG. 1B); (3) adhering together the treated surface 11 of the substrate 10 and the surface of the template 13 with a resin layer 15 interposed (FIG. 1C); (4) when the substrate 10, color pattern layers 14 and resin layer 15 are brought together, and then separated from the template 13 (FIG. 1D).

Therefore, Nishikawa teaches forming color pattern layers 14 before the treated surface 11 of the substrate 10 and the surface of the template 13 are adhered together with a resin layer 15 interposed. Accordingly, Nishikawa fails to teach the step (3) of claims 1 and 3 is

done after the step (2) of claims 1 and 3. The Examiner will notice that the steps are listed in the claims by ordered number.

In addition, Nishikawa teaches the resin layer 15 is to be set by ultraviolet rays (see col. 9, lines 53-59) and the color pattern layers 14 are formed by filling the ink in the concavities and applying heat treatment to the ink (col. 11, lines 49-53; col. 6, lines 5-15). In other words, the ultraviolet light is used to set the resin layer 15, not to cure the ink to the substrate 10. Since Nishikawa uses heat treatment rather than the ultraviolet light to form the color pattern layers 14, Nishikawa fails to teach the step (4) of claims 1 and 3 of “applying an ultraviolet light to the photopolymer solution through the transparent substrate so as to cure the photopolymer to the transparent substrate”.

Since Nishikawa fails to teach each and every limitation of independent claims 1 and 3, Applicant respectfully submits that claims 1 and 3 and their dependent claims clearly define over the teachings of Nishikawa. Accordingly, reconsideration and withdrawal of the rejections under 35 U.S.C. §§ 102 and 103 are respectfully requested.

CONCLUSION

Since the remaining patent cited by the Examiner has not been utilized to reject the claims, but merely to show the state of the prior art, no further comments are necessary with respect thereto.

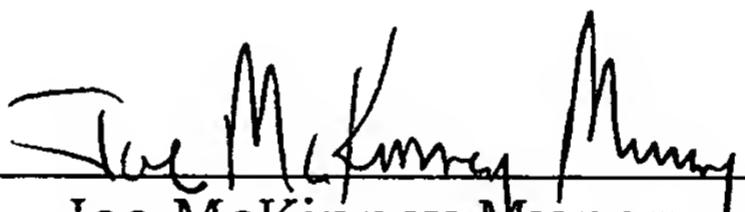
It is believed that a full and complete response has been made to the Office Action, and that as such, the Examiner is respectfully requested to send the application to Issue.

In the event there are any matters remaining in this application, the Examiner is invited to contact Joe McKinney Muncy, Registration No. 32,334 at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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